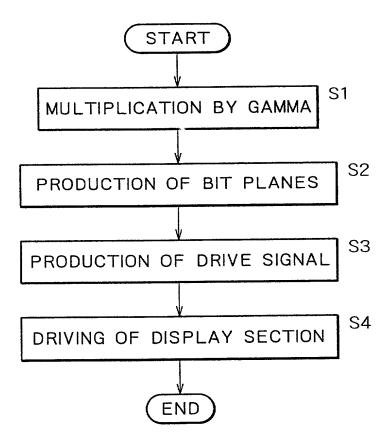


FIG.6



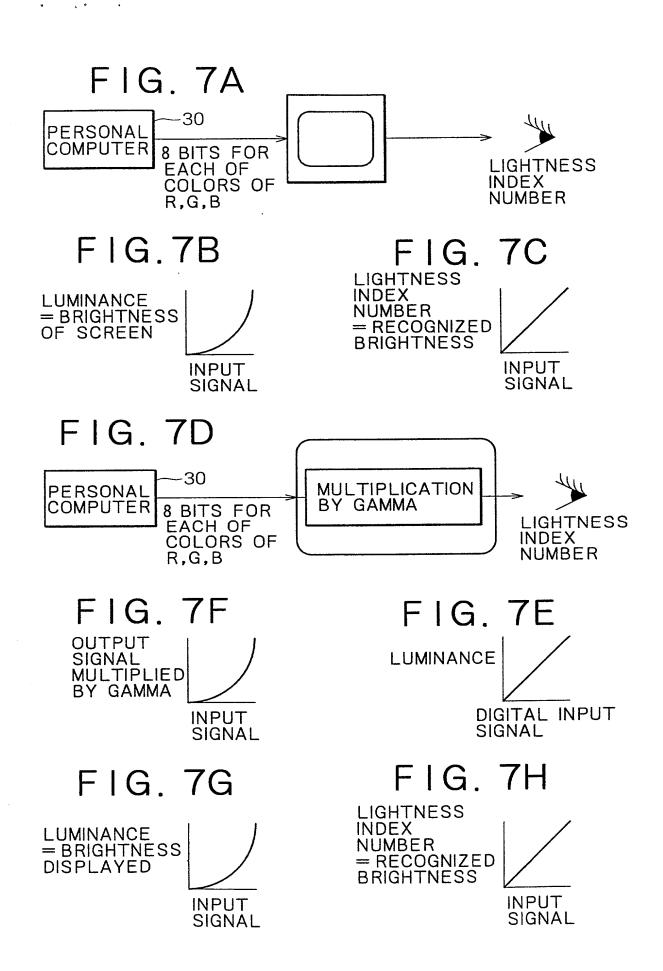
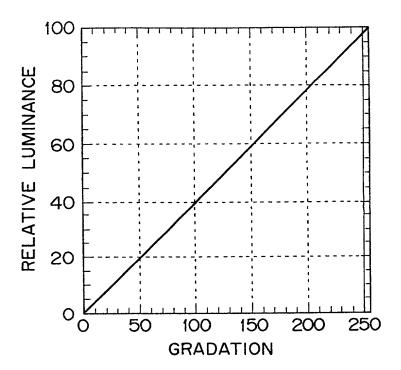


FIG.8A



F I G. 8B

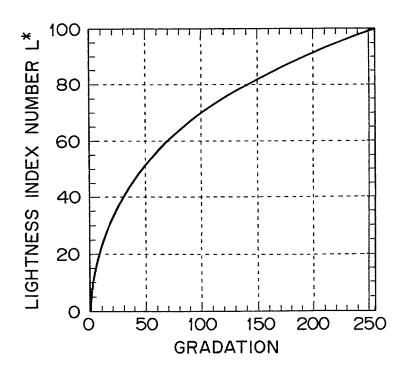


FIG. 9A

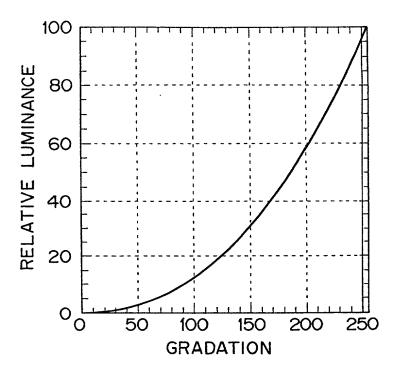
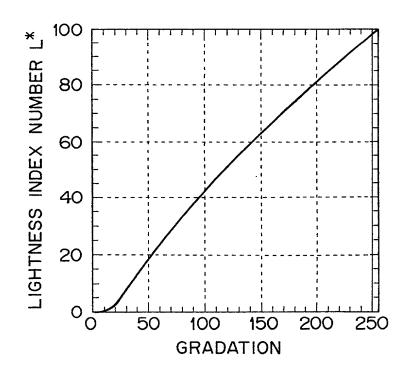
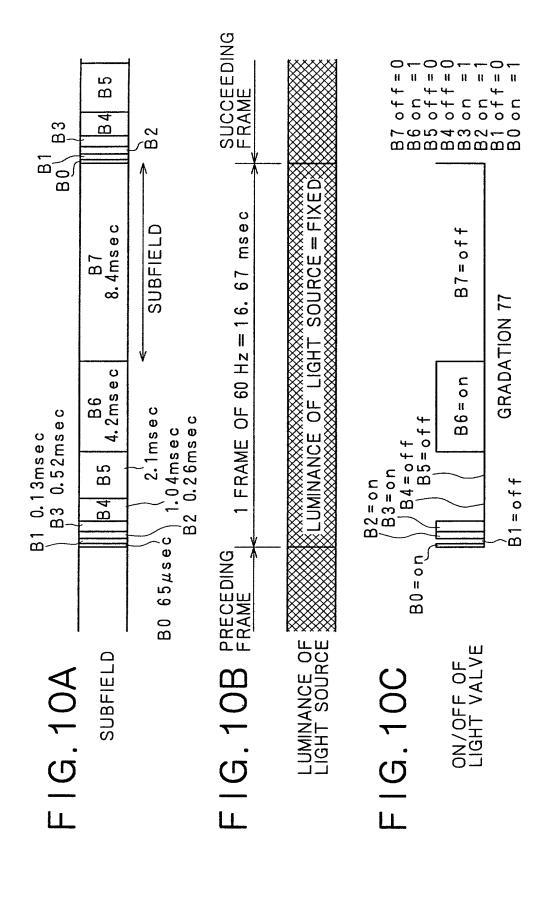
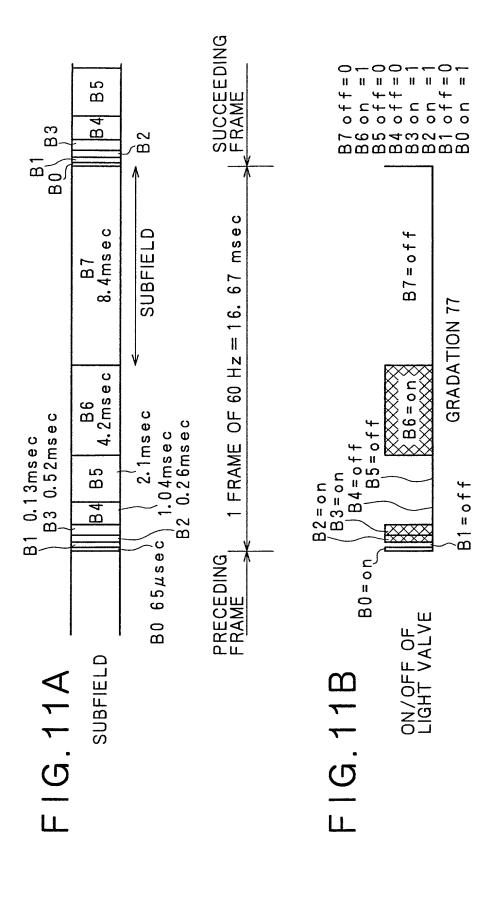


FIG.9B







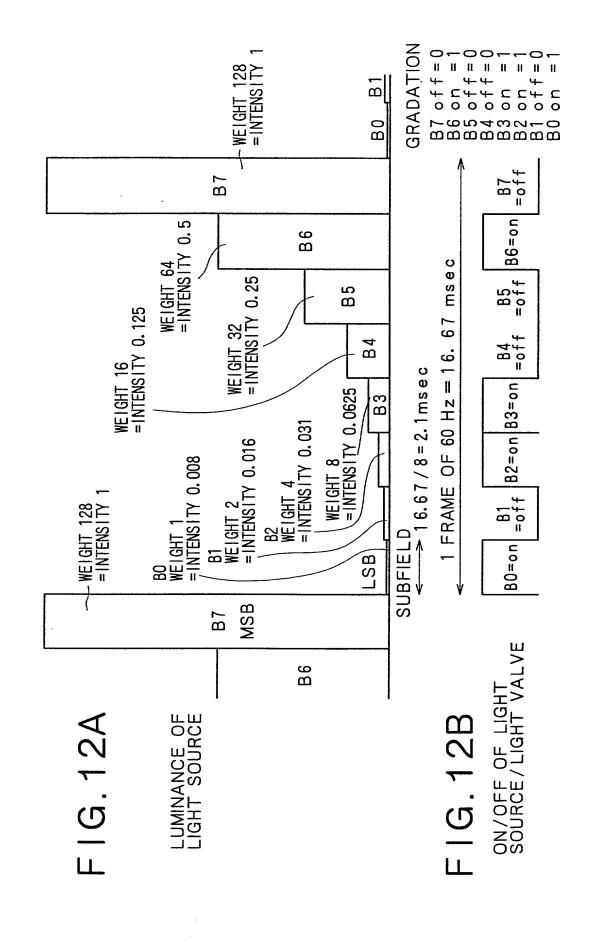


FIG. 13A

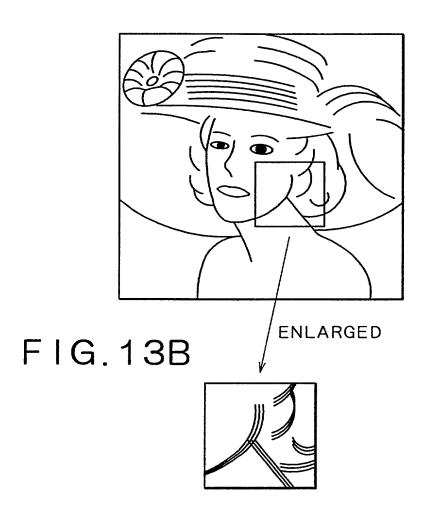
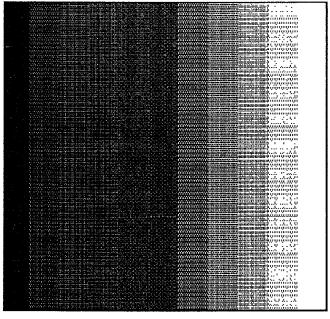


FIG. 14A



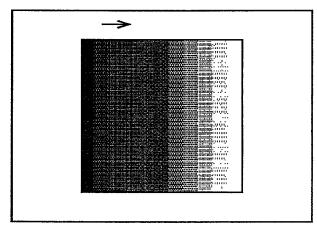
GRADATION O

GRADATION 255

256 GRADATIONS × 2 PIXELS/ GRADATION = 512 PIXELS

FIG. 14B

10 PIXELS/FRAME = 600 PIXELS/ 1 SECOND WHEN 1 FRAME = 60 Hz



640/480 DISPLAY HORIZONTALLY 640 PIXELS \rightarrow 1.1 SECONDS 800/600 DISPLAY HORIZONTALLY 800 PIXELS \rightarrow 1.3 SECONDS 1024/768 DISPLAY HORIZONTALLY 1024 PIXELS \rightarrow 1.7 SECONDS 1280/1024 DISPLAY HORIZONTALLY 1280 PIXELS \rightarrow 2.1 SECONDS 1600/1200 DISPLAY HORIZONTALLY 1600 PIXELS \rightarrow 2.6 SECONDS

FIG. 15

(A)	(B)	(C)		(D)									
8-BIT LINEAR	72.2	8-BIT INTEGER	В0	В1	B2	В3	B4	B5	В6	B7			
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	0.0 0.0 0.0 0.0 0.0 0.1 0.1 0.1 0.2 0.2 0.3 0.4 0.4 0.5 0.6 0.7 0.7 0.8 0.9 1.0 1.2 1.3 1.4 1.5 1.7 1.8 2.0 2.1 2.3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						000000000000000000000000000000000000000			
241 242 243	225.2 227.3 229.3	225 227 229	1 1 1	0 1 0	0 0 1	0 0 0	0 0 0	1 1 1	1 1 1	1 1 1			
244 245 246 247 248 249 250 251 252 253 254 255	231.4 233.5 235.6 237.7 239.9 242.0 244.1 246.3 248.4 250.6 252.8 255.0	231 234 236 238 240 242 244 246 248 251 253 255	1 0 0 0 0 0 0 0 1 1	1 0 1 0 1 0 1 0 1	1 0 1 1 0 0 1 1 0 0 1 1	0 1 1 1 0 0 0 0 1 1 1	0 0 0 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
										/			

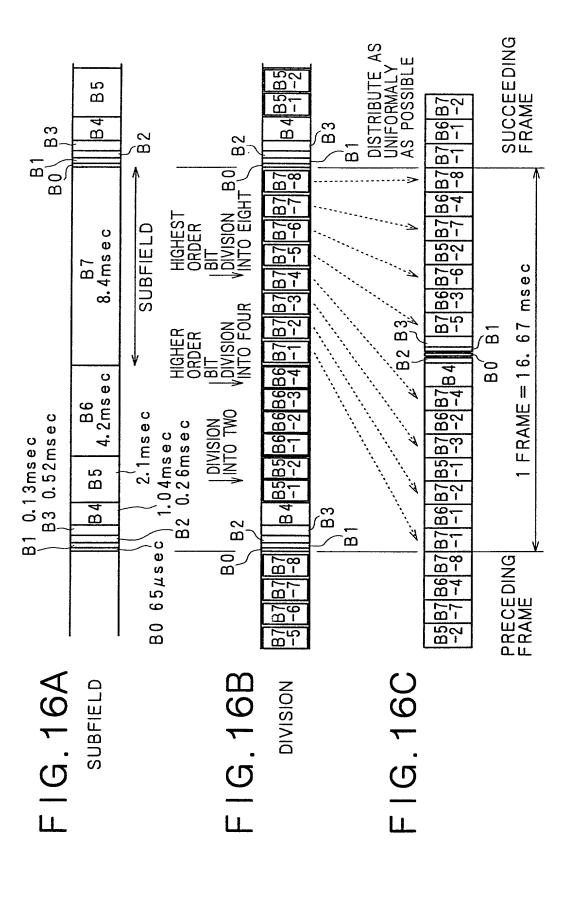
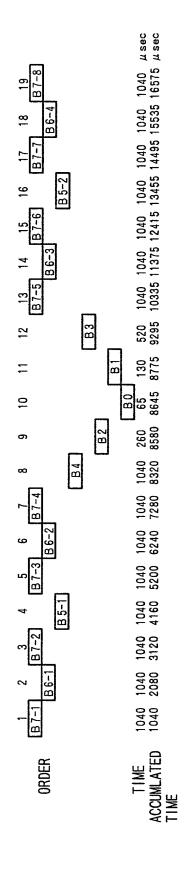


FIG. 17

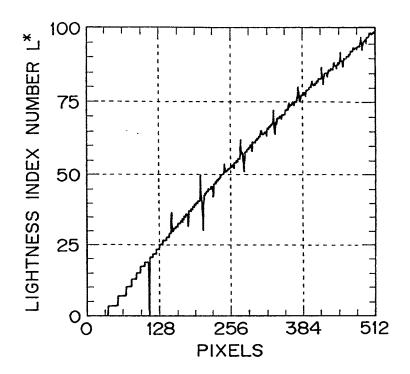


F1G.18A

F1G.18B

	AMOUNT AMOUNT				
	NORMAL LIGHT (10000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000		0.2353 0.2353 0.2392 0.2392 0.3059		0.8667 0.8039 0.6863 0.5608 0.4706 0.3765 0.2510 1.1882
n sec	AMOUNT 0.0 0.0 0.0 0.0 0.0 0.0		60.0 60.0 61.0 61.0 78.0		221.0 205.0 175.0 143.0 120.0 96.0 64.0 48.0
B7-5 B6-3 B7-6 B5-2 B7-7 B6-4 B7-8 1040 1040 1040 1040 1040 1040 10335113751241513445144951553516575 6 7 7 8 9 9 10			00000		
B6-4 1040 15535 9	0		00000		
B 7-7 1040 14495 9	0		00000		
B 5-2 1040 13445 8	00				
B 7-6 1040 12415 7	000		00000		
B6-3 1040 11375	000		00000		
B 7-5 1040 10335 6	0000		00000		
83 520 9295 6	0000				
B1 130 8775 5	00000	TED)	0000-	TED)	00
B0 65 8645 5	00000	OM T	000	T I WO	
82 260 8580 5	00000	=		=	
B4 1040 8320 5	00000				
B 7-4 1040 7280 4	00000		00000		
B6-2 1040 6240 4	00000		00000		
B 7-3 1040 5200 3	000000		00000		
B5-1 1040 4160 3	000000				
B 7-2 1040 3120 2	0000000		00000		-
B6-1 1040 2080 1	00000000		0000-		
B7-1 1040 1040	00000000		00000		
SUBFIELD TIME ACCUMULATED INT PIXEL NUMBER	NORMALIZED LIGHT AMOUNT 1 2 3 4 4 7 7 10		270 271 272 273 273		514 515 516 517 518 520 521
MOVEMENT					

F I G. 19A



F I G. 19B

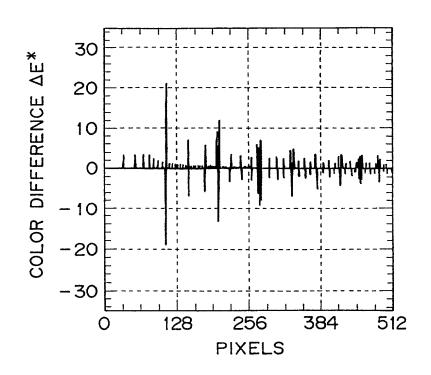
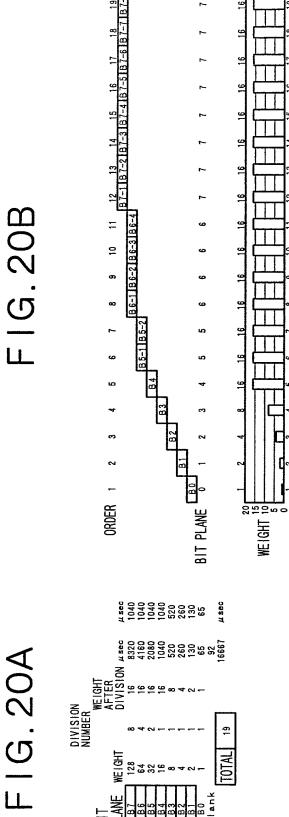


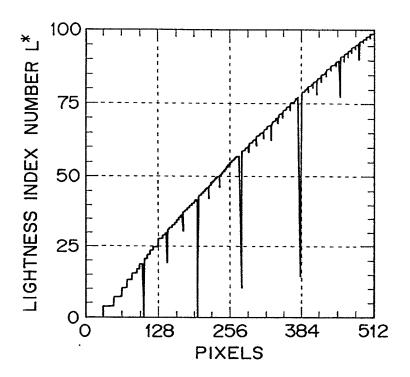
FIG. 20A



LSB

MSB

F I G. 21A



F I G. 21B

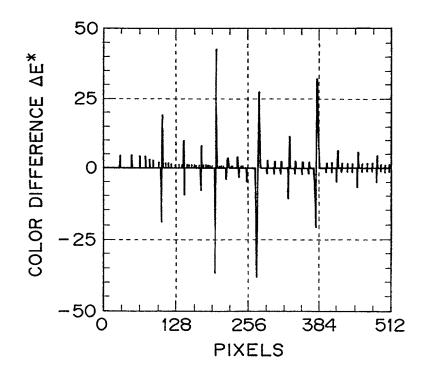
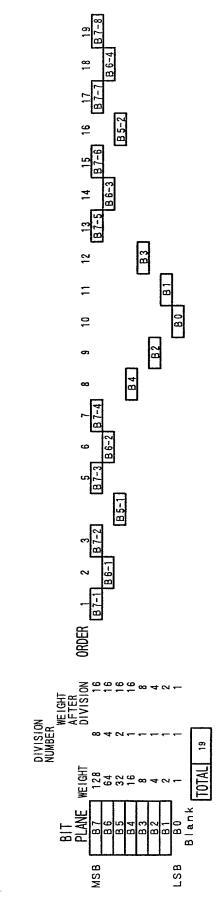


FIG. 22B FIG. 22A



F1G.23A

FIG. 23B

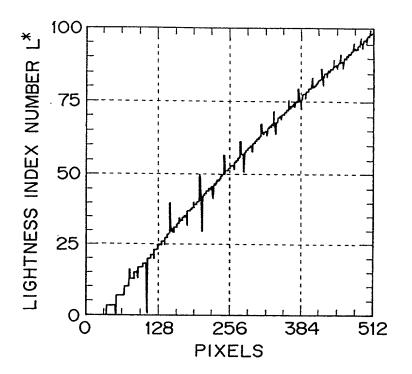
NGE																				
XOLOR SIFFERE S	0.00	0.0	0.00	0.00	99.		0.00	0.00	0.00		0.00	0.3	0.0	000	0.46	0.0	0.31	0.00	0.30	2
COLOR DIFFEREI LIGHTNESS Lah	0.00	0.00	0.00	0.00	0.00		56.40 56.79	56.79	57.17		98.31	98.62	98.62	98.93	99.39	99.39	99.70	99.70	100.00	
	0.0	0.00	0.00	0.00	0.00		24.31	24.71	25.10 25.10		95.69	96.47	96.47	97.25	98.43	98.43	99.22	99.22	100.00	
NORMALIZED LIGHT AMOUNT IESS	0.0000	0.0000	0.0000	0.0000	0.0000		0.2431	0.2471	0.2510					0.9725						₹
NOR LIGHTNESS	0:0				0.0		62.0	0.6	4.4 0.0										255.0	0.007
B7-8 L	00	00	00	00	00		00	0	-0		4	 ,	- -				 .			_
36-4 E	00	00	00	00	00		00	0			-	 ,	- •		-	,	.	-		_
B7-7 B6-4	00	00	00	00	00		00	0	00		-	 ,	- +				 -	 -		-
B5-2	00	00	00	00	00			- •	00		-	•			-	-				_
B7-6	00	00	00	00	00		00	0	00		-	- ,			-	-	.	-		_
B6-3	00	00	00	000	00		00	0				Ψ,	•					-		-
B 7-5	00	00	00	00	00		00	0	00		-	,	 •			-	. .	-		-
83	00	00	00	000	00	(OMMITTED)		 (00		0	0	> ~				 ,		·- ·	_
8	00	00	00	000	00			 •	00	(TED)	0	,	- c	0	_	 :	0	0	·- ·	
80	00	00	00	000	00		0 -	 •	0	OMM I	0	0	> C	0	-	-	,	 .		-
B2	000	00	00	00	00	9		 (0	٦		-,	<u> </u>	0	0	0	. .	, .		-
B4	000	00	00	000	00			 (0		_	- ,			-	-	, ,	, .		-
B7-4	000	00	00	000	00		00	0	0 0		-	 .		- ,-	-	 -		.		-
B6-2	000	00	00	000	00		00	0.			-	 ,			-	-	Ψ,	.		-
B7-3	000	00	00	000	00		00	0	00		-					,	 ,	.		-
B5-1	000	00	00	-00	00			 (00		-	···· ,	,-			, ,	, ,	, .		-
B7-2	000	00	00	000	00		00	0	0		, -	, ,			- -	. .	 ,	. .		-
B 6-1	000	00	000	000	00		00	0 •			-	- ,			-	, , ,	. ,	. .		-
B7-1 B6-1 B7-2 B5-1 B7-3 B6-2 B7-4	000	00	000	000	00		00	0	00			 •	,		-	, ,	 ,	, 	-	-
SUBFIELD ER OF COLUMS ORIZONTAL	PIXELS 1	w 4 ₁	വ യ വ	~ ∞ (₉ 5		270 271	272	213 274		502	503	504	208	207	508	509	510	511 512	2

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L	L	_

F1G.24B

	111						
) - ı	COLOR DIFFERENCE LIGHTNESS LIGHTNESS	000000000000000000000000000000000000000		1.19	0.00	5.48	0.15 0.31 -4.46 -5.95 -6.29 -1.22 -2.55 -12.34 -12.34
	LIGHTNES	000000000000000000000000000000000000000		56.40	56.01	61.48	99.08 99.39 94.93 88.98 82.68 74.73 72.18 62.82 50.48
	700	9999999999		24.31	23.92	29.80	97.65 98.43 87.45 74.12 61.57 49.80 47.84 43.92 31.37 18.82 6.27
	NORMALIZED LIGHT AMOUNT NESS	0.0000000000000000000000000000000000000		0.2431	0.2392	0.2980	0.9765 0.9843 0.8742 0.7412 0.6157 0.4392 0.3137 0.0627
	NOR! LIGHTNESS	00000000000		62.0	61.0	76.0	249.0 251.0 223.0 189.0 157.0 122.0 112.0 80.0 48.0
	10 B7-8			00	00	0	
	9 B6-4	0		00	00	0	
	9 B7-7	0		00	00	0	
	8 B5-2	00					, , , , , , , , , , , , , , , , , , ,
	8 B7-6	00		00	00	0	
	7 B6-3	000		00	00	0	
,	7 B7-5	000		00	00	0	
:	6 B3	0000				-	
	9 1 1	0000	TTED)	-0	00	O TTEN	000
•	5 B0	00000	(OMMI)	00		0 0	S
	5 B2	00000	<u> </u>				00
	. B4	000000				-	
	4 187-4	000000		00	00	0	4m 4m 4m 4m
	3 B6-2	000000		00	00	0	
	3 3 4 B7-3B6-2B7-4	000000		00	00	0	
	2 .85-1	0000000					
	1 1 2 2 B7-1 B6-1 B7-2 B5-1	0000000		00	00	0	
	- B - 1-	00000000		00	00	—	
	1-187-1	00000000		00	00	0	
	MOVEMENT PIXEL NUMBER SUBFIELD NUMBER OF COLUMS OF HORIZONTAL	10 8 9 10 10		270 271	272 273	274	512 513 514 515 510 520 521

F I G. 25A



F I G. 25B

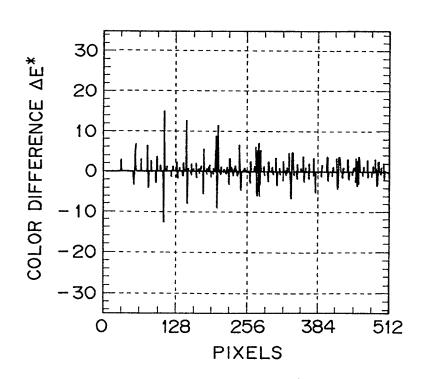
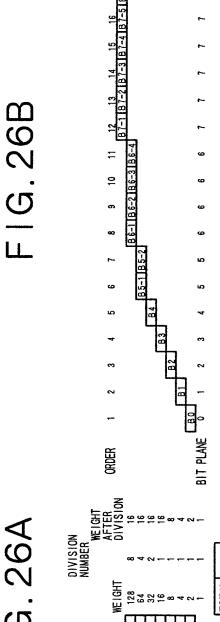


FIG. 26A

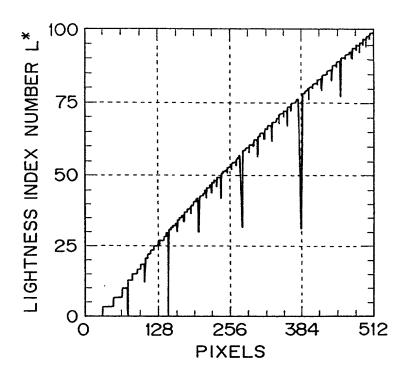


MSB

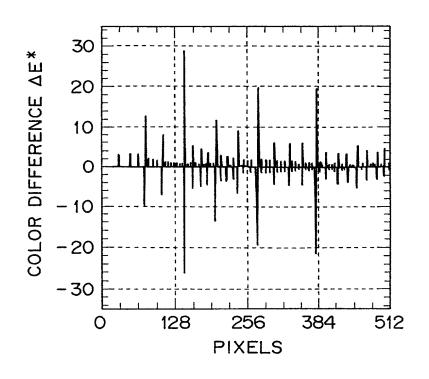
LSB

WEIGHT 15 P

F I G. 27A

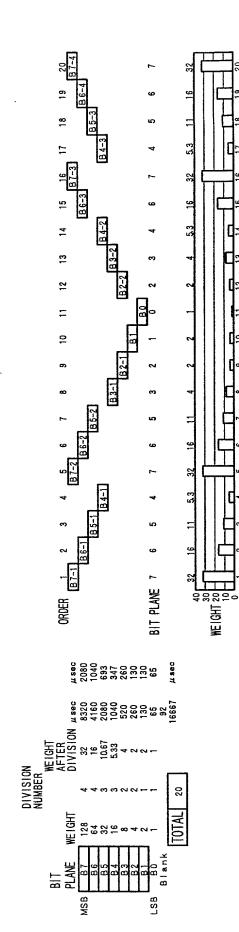


F I G. 27B

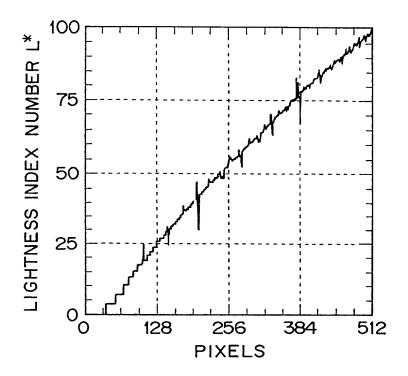


F1G.28A

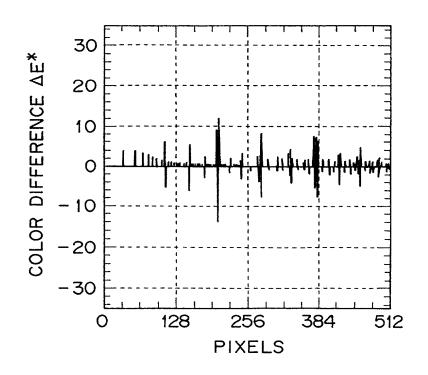
FIG. 28B



F I G. 29A

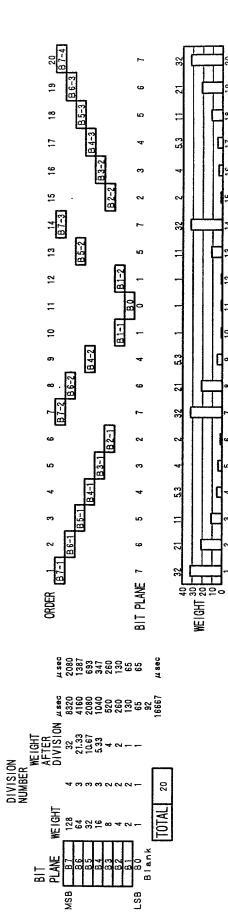


F I G. 29B

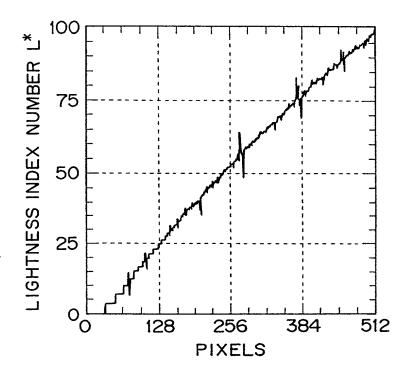


F1G.30A

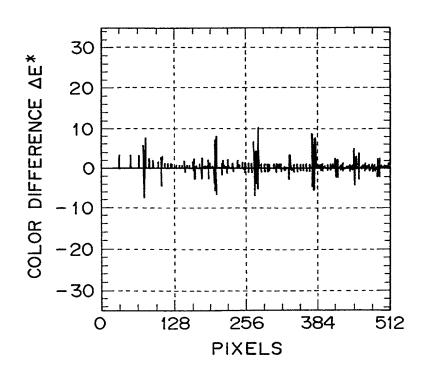
F1G.30B



F I G. 31A

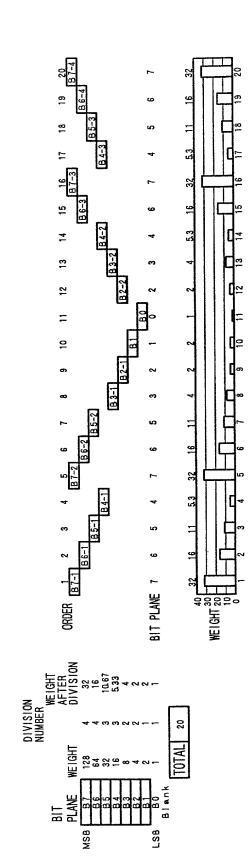


F I G. 31B

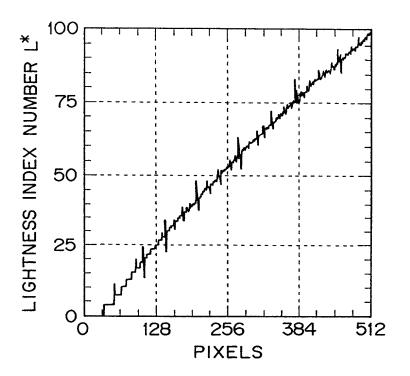


F1G.32A

FIG. 32B



F I G. 33A



F I G. 33B

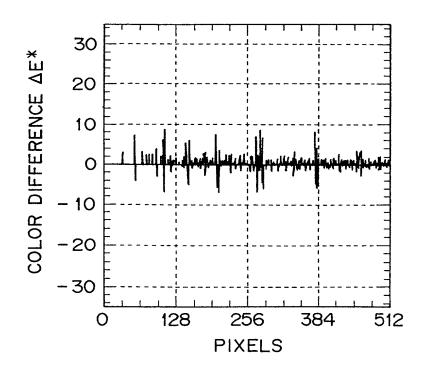
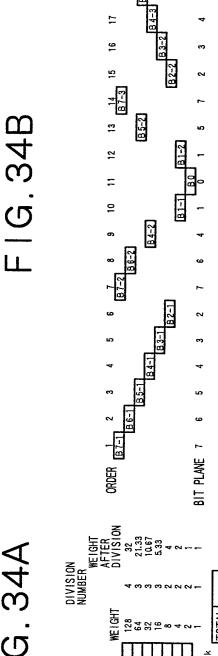
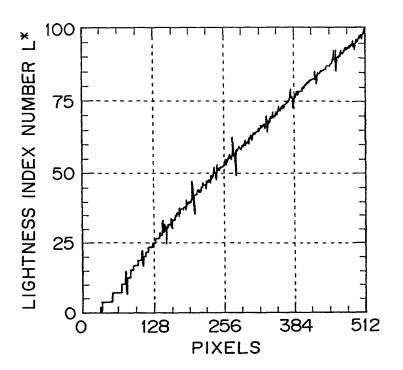


FIG. 34A



MSB

F I G. 35A



F I G. 35B

